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JUN 19 2006Serial No. 09/738,591
60246-116; 8940AMENDMENTIN THE CLAIMS:

1. (CURRENTLY AMENDED) A method for making a film for use with a heat transfer component comprising the steps of:

applying a plurality of polar particulates to a surface of a heated film;

then embedding the plurality of polar particulates into the surface of the heated film with a first roller;

regulating a temperature of the first roller to ~~regulate a temperature~~ resist cooling of the film; and

then adding the film to the heat transfer component.

2. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the film is thermoplastic.

3. (CURRENTLY AMENDED) The method as recited in claim 1 further comprising the step of cooling the film after the step of regulating the temperature of the first roller.

4. (CANCELLED)

5. (CURRENTLY AMENDED) The method as recited in claim 1 further including the step of applying an adhesive substance to the surface of the film, wherein the step of embedding the plurality of polar particulates comprises pressing the plurality of polar particulates into the adhesive substance with the first roller.

6. (CANCELLED)

7. (PREVIOUSLY PRESENTED) The method as recited in claim 1 further comprising the step of coating an outer surface of the plurality of polar particulates with a coating.

8-21. (CANCELLED)

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22. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the film is one of polyolefin, polyester, polyetherketon, polyetheretherketone, polysulfone, polyethersulfone, polytetrafluoroethylene and fluorinatedhydrocarbon.

23-24. (CANCELLED)

25. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the plurality of polar particulates is a germicide.

26. (PREVIOUSLY PRESENTED) The method as recited in claim 1 further including the step of employing the plurality of polar particles to increase a surface energy of the film.

27. (PREVIOUSLY PRESENTED) A method for making a film for use with a heat transfer component comprising the steps of:

- coating an outer surface of a plurality of polar particulates with maleic anhydride;
- applying the plurality of polar particulates to the film;
- adhering the plurality of polar particulates to the film; and
- adding the film to the heat transfer component.

28. (CANCELLED)

29. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the plurality of polar particulates are alumina.

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30. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the plurality of polar particulates are zirconia.
31. (PREVIOUSLY PRESENTED) The method as recited in claim 1, wherein the plurality of polar particulates are wollastonite.
32. (PREVIOUSLY PRESENTED) The method as recited in claim 1, wherein the plurality of polar particulates are talc.
33. (PREVIOUSLY PRESENTED) The method as recited in claim 1 further including the step of using the heat transfer component to exchange heat between a first fluid and a second fluid.
34. (PREVIOUSLY PRESENTED) The method as recited in claim 33 wherein the step of using the heat transfer component forms a liquid condensate.
35. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the heat transfer component is a condensing heat exchanger.
36. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the plurality of particulates are titanium dioxide.
37. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the plurality of particles are silica.
38. (PREVIOUSLY PRESENTED) The method as recited in claim 1 further including the step of extruding the heated film.

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39. (CURRENTLY AMENDED) The method as recited in claim 1-42 further including the step of urging the film against the second roller with a third roller to cool the film~~retaining the film against the roller.~~

40. (PREVIOUSLY PRESENTED) A method for making a film for use with a heat transfer component comprising the steps of:

applying a plurality of polar particulates to a surface of a heated film;
then embedding the plurality of polar particulates into the surface of the heated film with a roller;
regulating a temperature of the roller to regulate a temperature of the film;
then adding the film to the heat transfer component; and
coating an outer surface of the plurality of polar particulates with a coating, wherein the film is made of polyester and the coating is maleic anhydride.

41. (CANCELLED)

42. (NEW) The method as recited in claim 1, further including the steps of passing the heated film with said plurality of polar particles between the first roller and a second roller such that the surface faces in a direction toward the first roller, and regulating a temperature of the second roller to cool the film.